

FIG 1

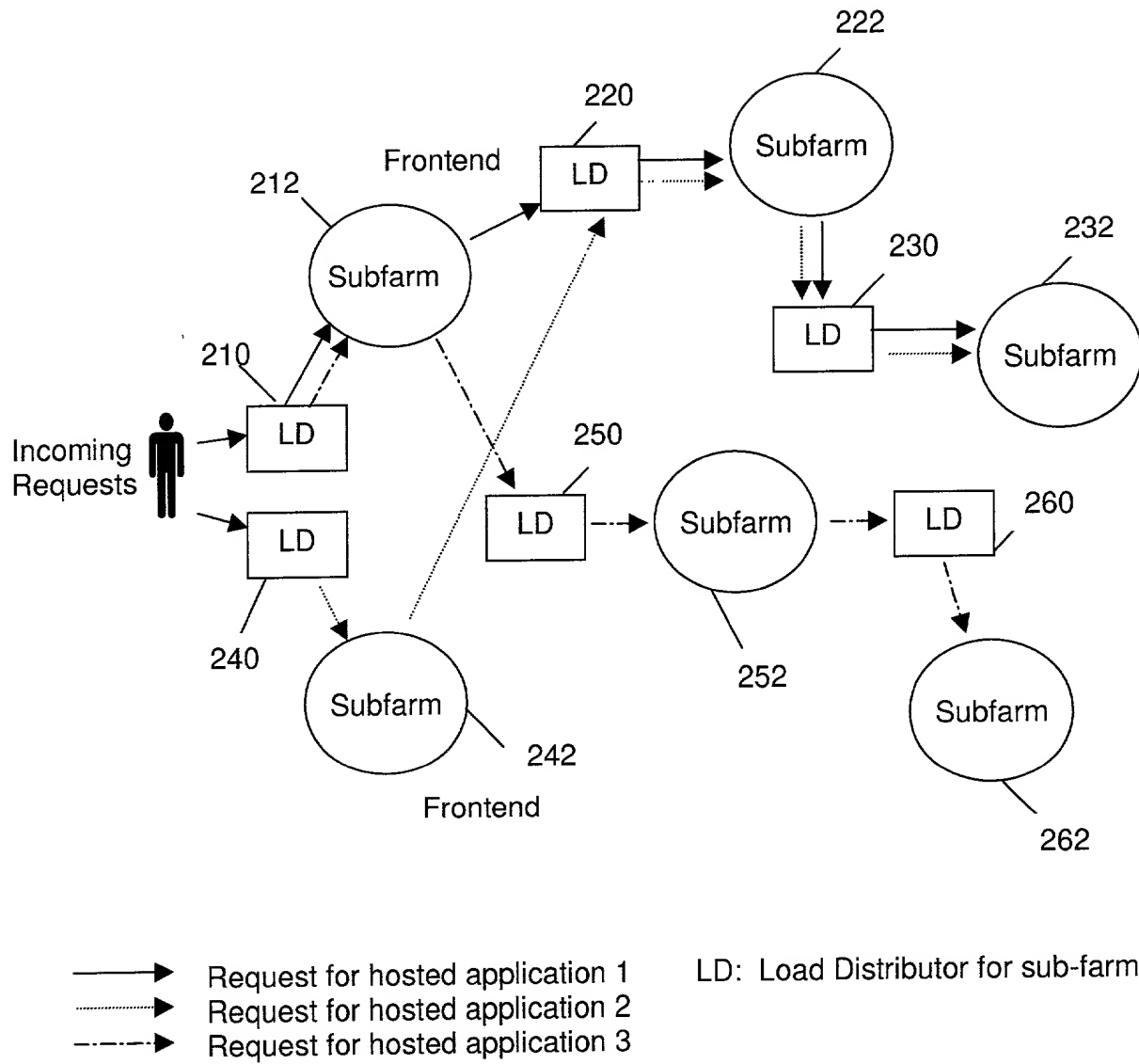


FIG 2

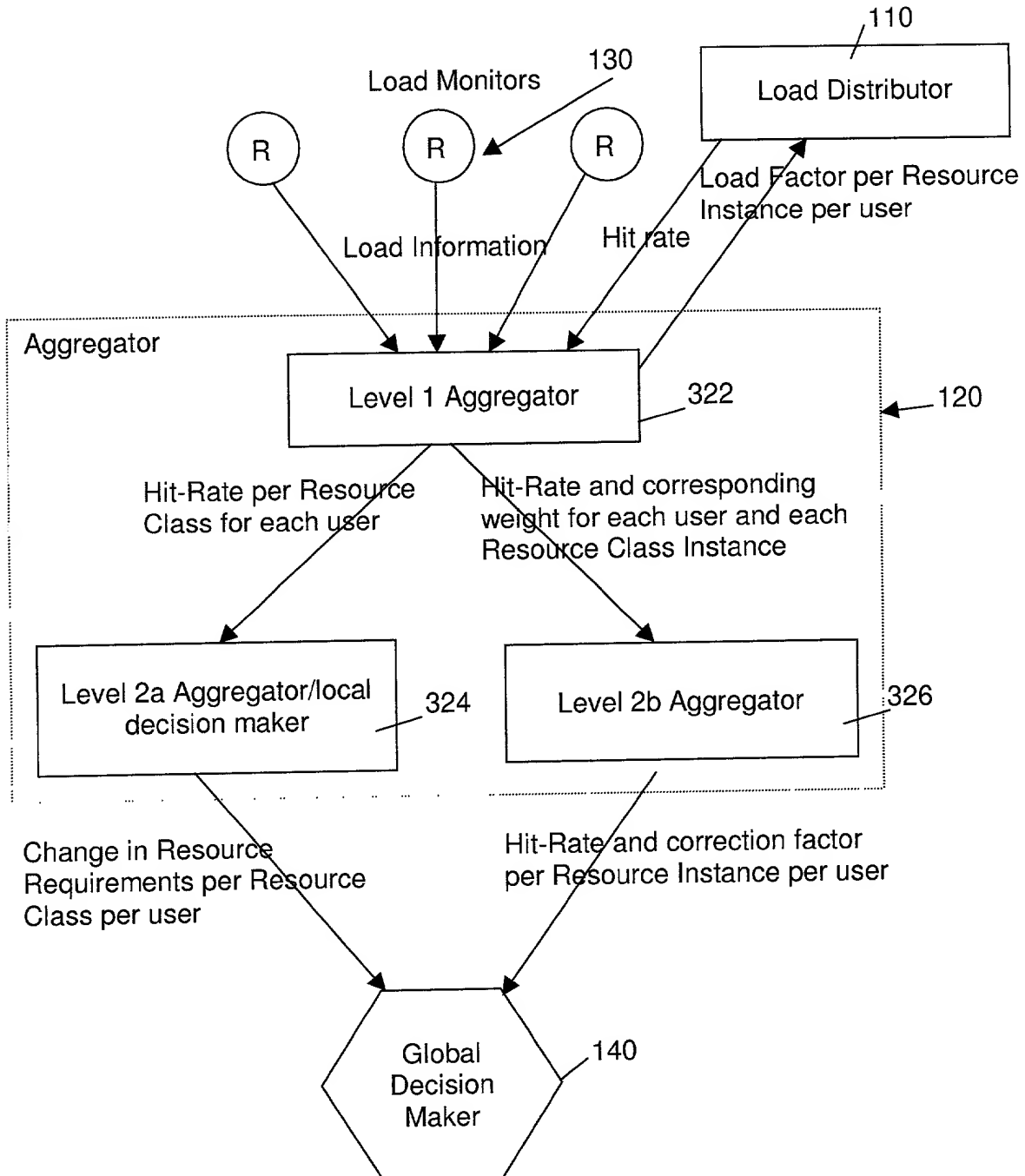
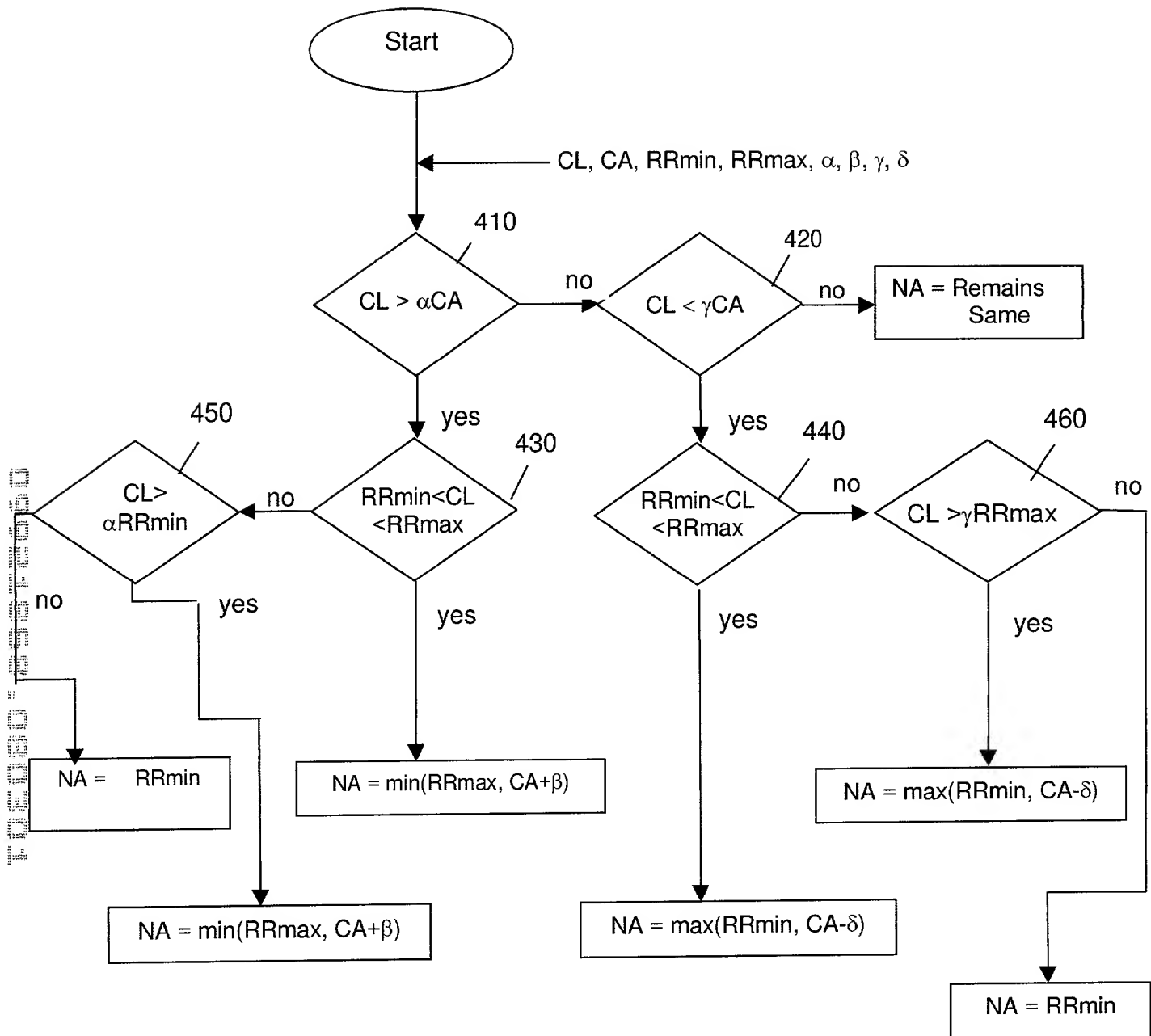


FIG 3



CL – Current Load
 CA – Current Allocation
 NA – New Allocation
 RRmin – Minimum Resource Requirement
 RRmax – Maximum Resource Requirement
 $\alpha, \beta, \gamma, \delta$ - configurable thresholds

FIG 4

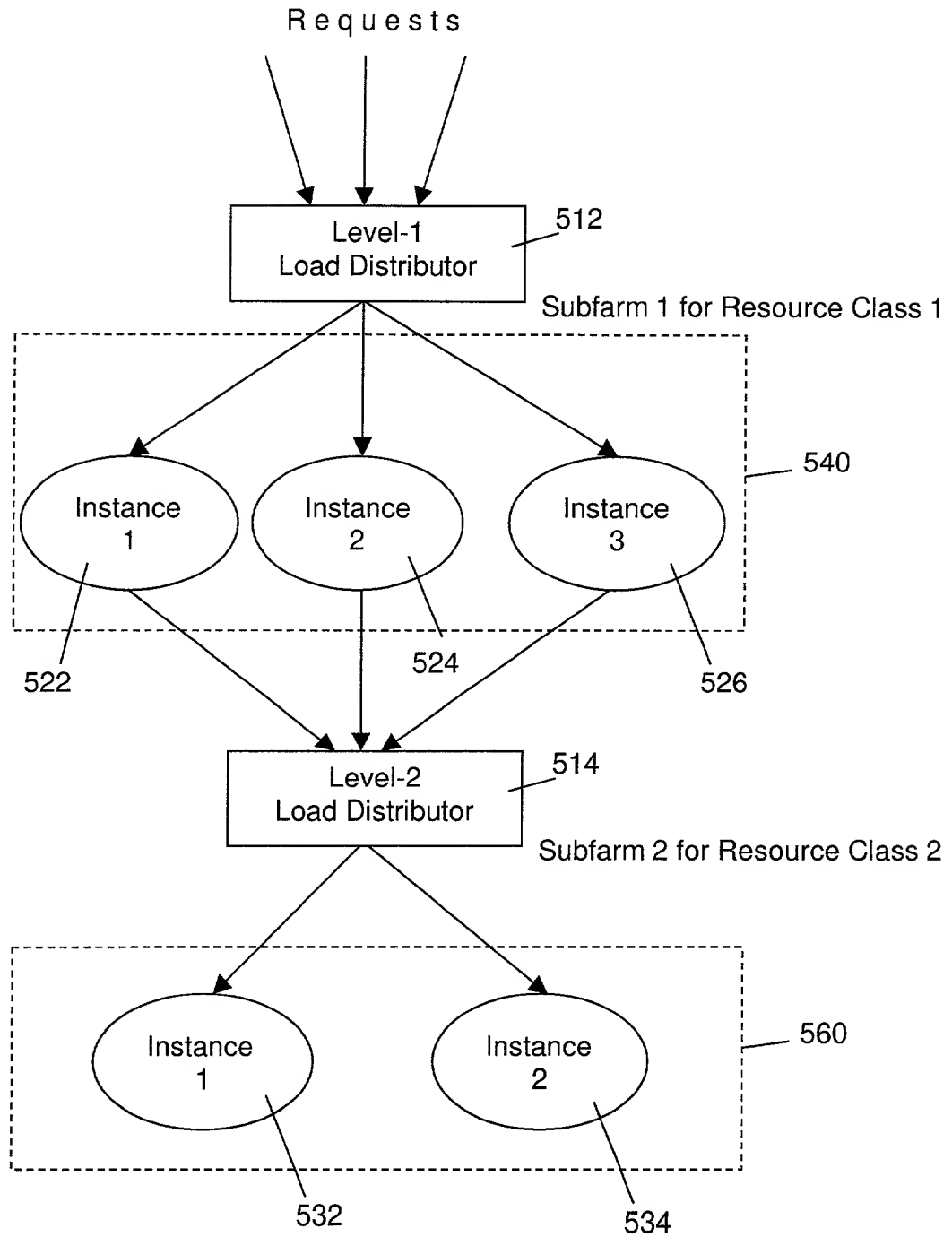


FIG 5

Legend: LD-n: n-th Load Distributor

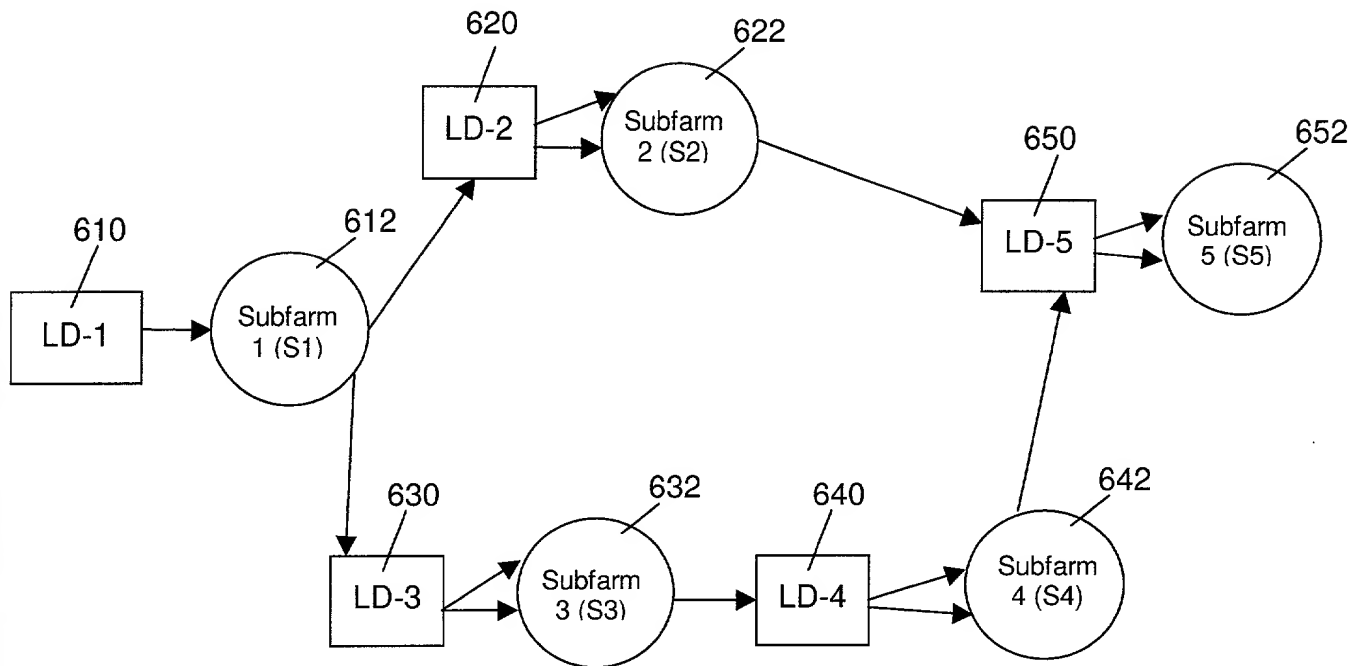


FIG 6

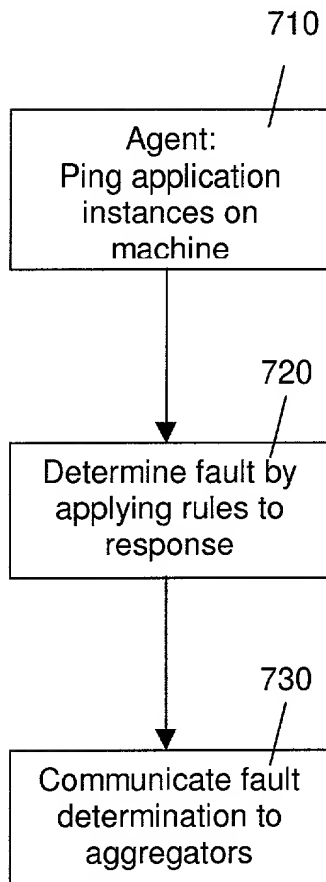


FIG 7A

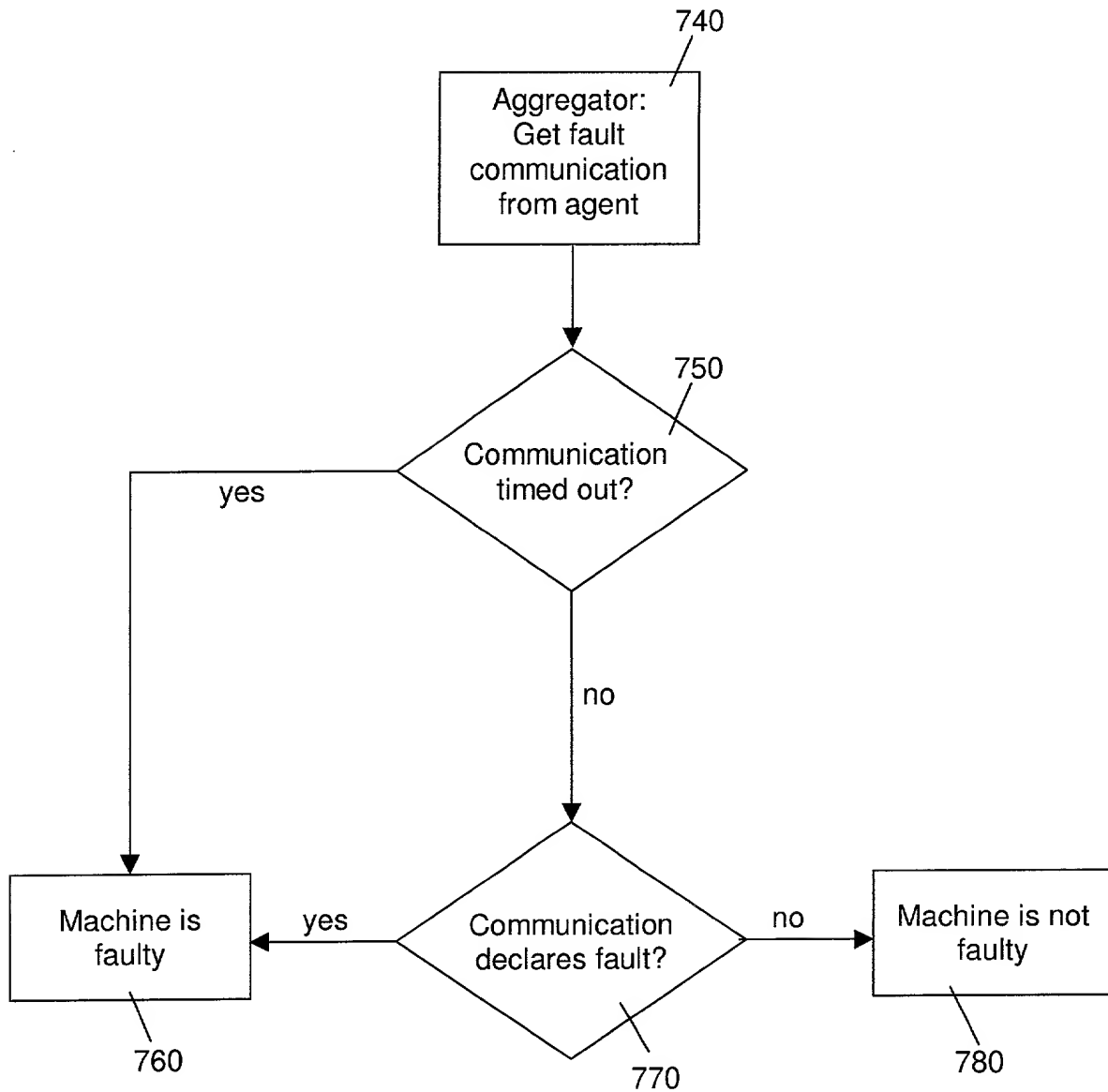
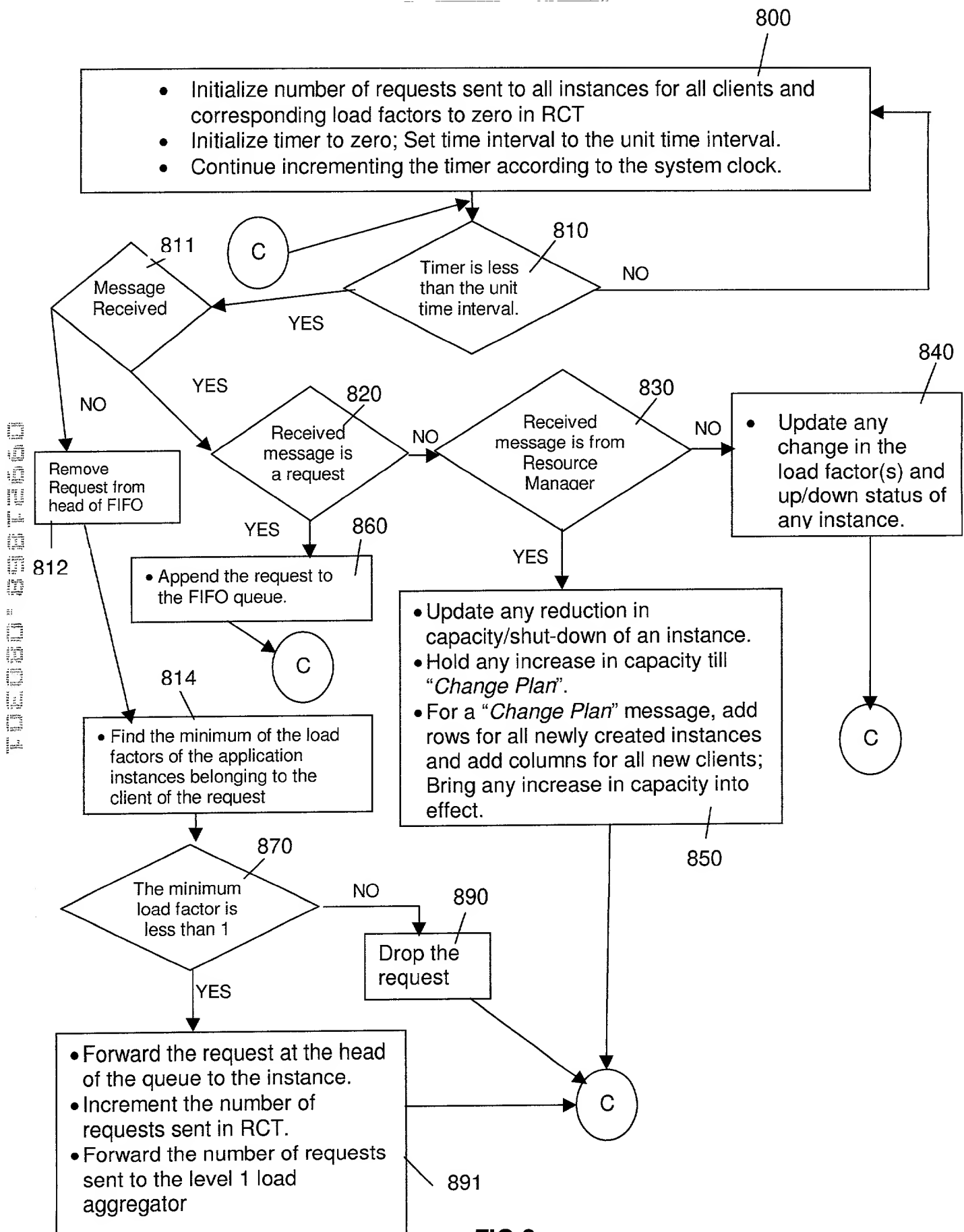


FIG 7B



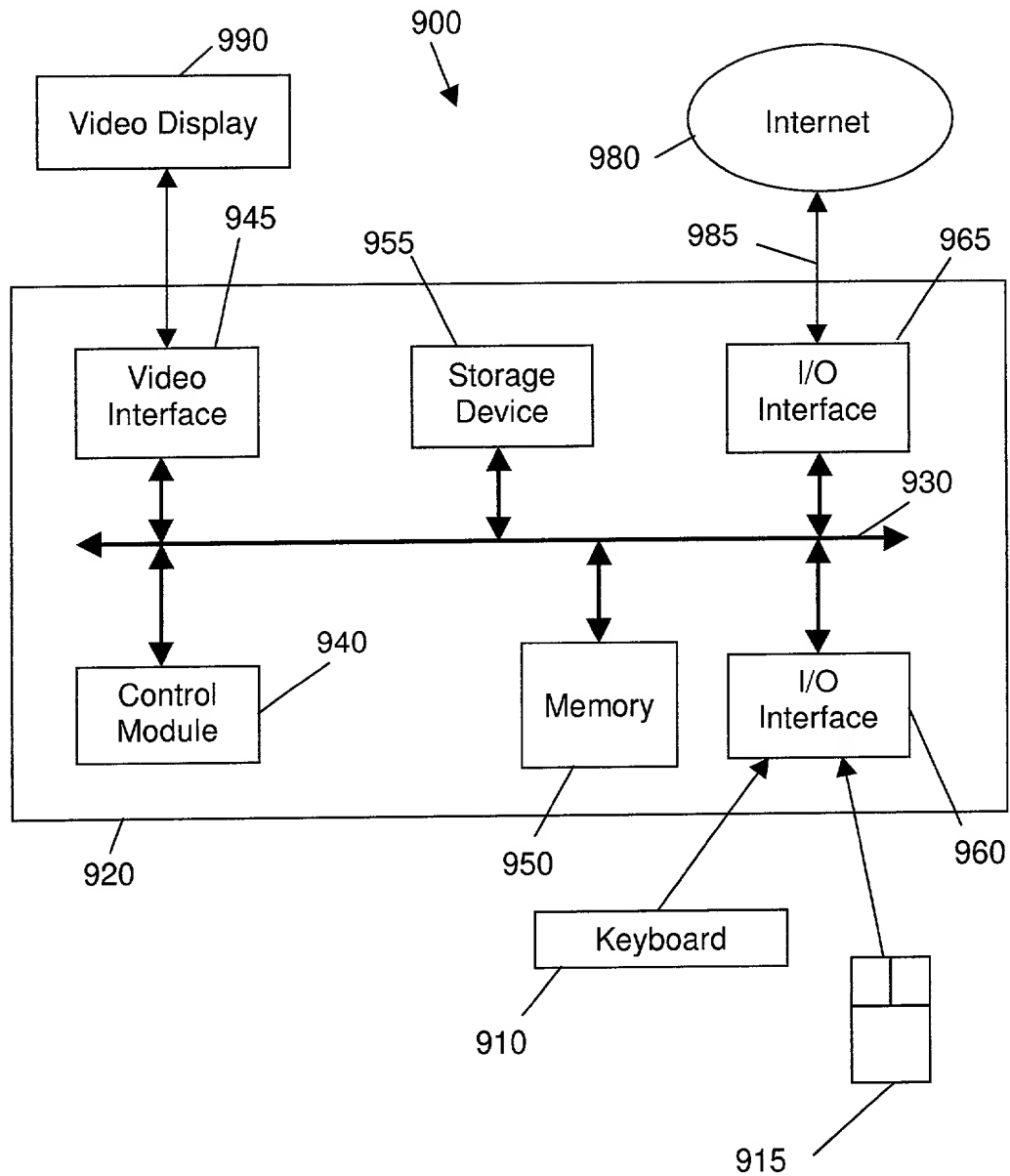


FIG 9